

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-618-12

CODE: (SP)

DATE: 12/03/2013

SUBJECT: Construction and Removal of Detour Bridges

Section 618, Maintenance of Traffic and Traffic Control Plan, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-618.03--Construction Requirements. After Subsection 618.03.4 on page 417, add the following.

907-618.03.5--Detour Bridge. When specified on the plans, the Contractor will construct, maintain and remove all detour bridges as indicated in the plans and contract documents. This work shall consist of the design, furnishing of materials, construction, maintenance and removal of detour bridges as described herein.

Prior to beginning any work on the detour bridge, the Contractor shall provide the Project Engineer with a Project Management Plan which will include design drawings, calculations and other necessary supporting data used in the design of the detour bridge. The purpose of the Contractor's Project Management Plan is to provide sufficient information to adequately inform the Department of proposed project activities. The design data shall address all items of work and materials incorporated in the detour bridge. No official approval of the Project Management Plan will be given by MDOT. The design information is for informational purposes only. The design shall be prepared, stamped or sealed by a Professional Engineer registered in the State of Mississippi proficient in roadway and bridge design.

The plan shall include but not be limited to a complete set of detour bridge design drawings with calculations, minimum geometric and loading requirements, and all other requirements shown on detour bridge sheets in the plans. **Where the plan shows Load and Resistance Factor Design (LRFD) design methodology Dynamic Pile Driving Analysis with signal matching (PDA) shall be performed by the Contractor for the test piles specified in the plan.**

After construction of the detour bridge and prior to opening it to the traveling public, the Contractor shall furnish the Engineer with a written certification from the Registered Professional Design Engineer that the bridge has been built in accordance with the Design Plans.

Detour bridge piling shall be installed in accordance with the details of the detour bridge design and resulting data from the test piles.

The Contractor shall install out-of-place test piles **in accordance with the requirements shown on the bridge detour plan sheets.** The length of the test piles shall be determined by Contractor. Should a test pile be of insufficient length and the length cannot be extended, a new test pile will

be driven. In this case, no additional payment will be made for driving an additional test pile, or extending a test pile.

907-618.04--Method of Measurement. Delete the fourth paragraph of Subsection 618.04 on page 417, and substitute the following.

Construction and removal of detour bridges, excluding test piles and piling, will be measured as a lump sum quantity, consisting of furnishing all labor and materials, construction, repair and replacement as deemed necessary during the life of the project.

Detour bridge piling, exclusive of those measured as test piles, will be measured by the linear foot. No measurement for payment will be made for cut-off of a detour bridge piling.

Detour bridge **PDA** test pile will be measured as a lump sum quantity. Piles measured as test piles will not be included in the measurement of pay **length** for **detour bridge** piling. No measurement for payment will be made for cut-off of a detour bridge test pile.

The removal of the detour bridge shall be as follows:

907-618.05--Basis of Payment. After the fourth paragraph of Subsection 618.05 on page 418, add the following:

Detour Bridge Piling, measured as prescribed above, will be paid for at the contract unit price per linear foot, which price shall be full compensation for furnishing all labor, materials, equipment, and incidentals necessary to complete the work.

Detour Bridge **PDA** Test Pile, measured as prescribed above, will be paid for at the contract lump sum price, which price shall be full compensation for furnishing all labor, materials, equipment, and incidentals necessary to complete the work.

Delete the last pay item listed on page 418, and add the following:

907-618-C: Construction and Removal of Detour Bridge - lump sum

907-618-E: Detour Bridge Piling - per linear foot

907-618-F: Detour Bridge **PDA** Test Pile - lump sum